

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

DR-566

Effective Date: October 1, 2012

Reevaluation Date: **June 2014**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors, Non-impact Resistant, manufactured by

Simpson Door Company
400 Simpson Avenue
McCreary, Washington 98557
Telephone: (800) 356-4423

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with surface bolts and standard locks; (XX)	Design Pressure: ± 50 psf Maximum Size Tested: 6'-2 $\frac{3}{8}$ " x 8'-2"	± 50
2	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors without surface bolts and standard locks; (XX)	Design Pressure: ± 35 psf Maximum Size Tested: 6'-2 $\frac{3}{8}$ " x 8'-2"	± 35
3	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with multi-point lock (XX)	Design Pressure: ± 40 psf Maximum Size Tested: 6'-2 $\frac{3}{8}$ " x 8'-2"	± 40

Component Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	6'-2 $\frac{3}{8}$ " x 8'-2"	36" x 96 $\frac{1}{4}$ "	27" x 82 $\frac{3}{8}$ "
2	6'-2 $\frac{3}{8}$ " x 8'-2"	36" x 96 $\frac{1}{4}$ "	27" x 82 $\frac{3}{8}$ "
3	6'-2 $\frac{3}{8}$ " x 8'-2"	36" x 96 $\frac{1}{4}$ "	27" x 82 $\frac{3}{8}$ "

Acceptable Configurations:

The following configurations are acceptable for an XX tested assembly: XX, X.

Components and Hardware:

System	Components and Hardware
1-3	The doors, hardware and components shall be installed in accordance with Simpson Door Company Glazed and Opaque Inswing Exterior Wood Door drawings SIMP2060, sheets 1 – 8 of 8, dated May 31, 2012, signed and sealed by Robert James Amoruso, P.E., on May 31, 2012.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Simpson Door Company
	Product Name	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with surface bolts and standard locks
	Test Standards	ASTM E283-04/ATM E547-00/ASTM E330-02
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Simpson Door Company
	Product Name	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors without surface bolts and with standard locks
	Test Standards	ASTM E283-04/ATM E547-00/ASTM E330-02
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Simpson Door Company
	Product Name	Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with multi-point lock
	Test Standards	ASTM E283-04/ATM E547-00/ASTM E330-02

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System		
1-3	Type of Installation	Door Frame
	Wall Framing	Wood (Minimum Spruce-Pine-Fir); Concrete (2,000 psi); Masonry (C-90)
	Fasteners	Wood: No. 10 wood screw; Concrete and Masonry: $\frac{3}{16}$ " diameter ITW Tapcon
	Fastener Embedment	Wood: Minimum of $1\frac{1}{2}$ inches into the wall framing; Concrete: Minimum of $1\frac{1}{2}$ inches into the wall framing; and Masonry: Minimum of 1 inches into the wall framing;
	Fastener Location/Spacing	The doors shall be installed in strict accordance with this product evaluation report and Simpson Door Company drawings SIMP2060, sheets 1 – 8 of 8, dated May 31, 2012, signed and sealed by Robert James Amoruso, P.E. on May 31, 2012.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.